

EXPRESS MAIL NO. EL 894 934 607 US
STN Columbus

AN 1991:228476 CAPLUS

DN 114:228476

TI Synthesis and study of derivatives of 3-(alkylamino)-2-(methylthio)carboxylic acids

AU Vidugiriene, V.; Valaviciene, J.; Rasteikiene, L.

CS Inst. Biokhim., Vilnius, USSR

SO Chemija (1990), (2), 101-6

CODEN: CHMIES

DT Journal

LA Russian

OS CASREACT 114:228476

AB Treating Z-RCH:C(SMe)COX (R = Ph, Me, X = NHPh; R = Ph, X = OMe) and RCHClCH(SMe)COX (same R, X) with 2-4 equiv HA (A = piperidino, morpholino, cyclohexylamino, ethylenimino, NHC5H11-n) gave 10 corresponding RCHACH(SMe)COX (I) as erythro-threo mixts. I had low-to-moderate toxicity and antitumor activity, with I (R = Ph, A = piperidino, X = NHPh) showing the best profile.

IT 133508-80-2P 133508-81-3P 133508-82-4P

133508-83-5P 133612-12-1P 133612-13-2P

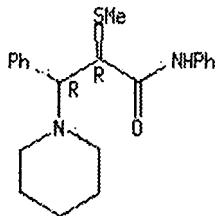
133612-18-7P 133612-19-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., toxicity, and antineoplastic activity of)

RN 133508-80-2 CAPLUS

CN 1-Piperidinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,R*)-
(9CI) (CA INDEX NAME)

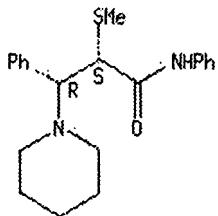
Relative stereochemistry.



RN 133508-81-3 CAPLUS

CN 1-Piperidinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,S*)-
(9CI) (CA INDEX NAME)

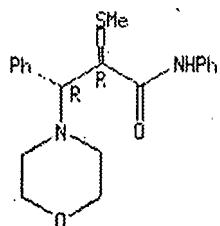
Relative stereochemistry.



RN 133508-82-4 CAPLUS

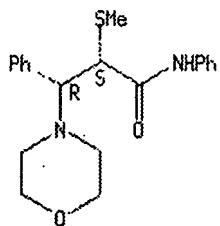
CN 4-Morpholinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,R*)-
(9CI) (CA INDEX NAME)

Relative stereochemistry..



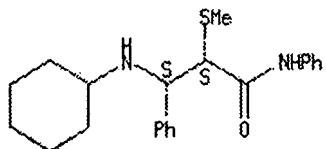
RN 133508-83-5 CAPLUS
 CN 4-Morpholinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,S*)-
 (9CI) (CA INDEX NAME)

Relative stereochemistry.



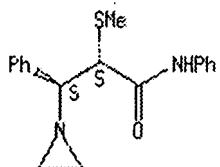
RN 133612-12-1 CAPLUS
 CN Benzenepropanamide, β -(cyclohexylamino)- α -(methylthio)-N-phenyl-,
 (R*,R*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 133612-13-2 CAPLUS
 CN 1-Aziridinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,R*)-
 (9CI) (CA INDEX NAME)

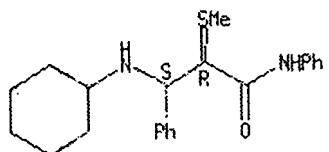
Relative stereochemistry.



RN 133612-18-7 CAPLUS
 CN Benzenepropanamide, β -(cyclohexylamino)- α -(methylthio)-N-phenyl-,
 (R*,S*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

STN Columbus



RN 133612-19-8 CAPLUS

CN 1-Aziridinepropanamide, α -(methylthio)-N, β -diphenyl-, (R*,S*)-
(9CI) (CA INDEX NAME)

Relative stereochemistry.

